

FIELD UNIT FOR 2 MECHANICAL FIRE DAMPERS

- Connects 2 mechanical fire dampers (each with 2 position switches) to the bus
- Provides a terminal connection for the position switches
- Has a predefined address
- AC 230 V mains power



TECHNICAL DATA

ELECTRICAL DATA

| | |
|---|---|
| Nominal voltage | AC 230 V 50/60 Hz |
| Nominal voltage range | AC 100 ... 230 V |
| For wire sizing | 1 VA |
| Power consumption from mains | 10 mW |
| Power consumption from bus | 5 mW |
| Maximum distance field module to actuator | 5 meter |
| Connecting | Power supply terminal 2 x 3 x max. 2.5 mm ² Position switches terminal 2 x 4 x max. 1.5 mm ² Bus terminal 2 x 4 x max. 1.5 mm ² wire |

SAFETY

| | |
|---------------------------|--------------------------------|
| Protection class | Class II (all insulated) |
| Degree of protection | IP54 |
| EMC | CE according to 2004/108/EC |
| Low-voltage-directive | CE according to 2006/95/EC |
| Rated impulse voltage | 2.5 kV |
| Control pollution degree | 3 |
| Type of action | Type 1 |
| Software class | A |
| Ambient humidity range | max. 95 % r.H., non condensing |
| Ambient temperature range | -20 ... +60 °C |
| Non-operating temperature | -40 ... +85 °C |
| Maintenance | Maintenance-free |

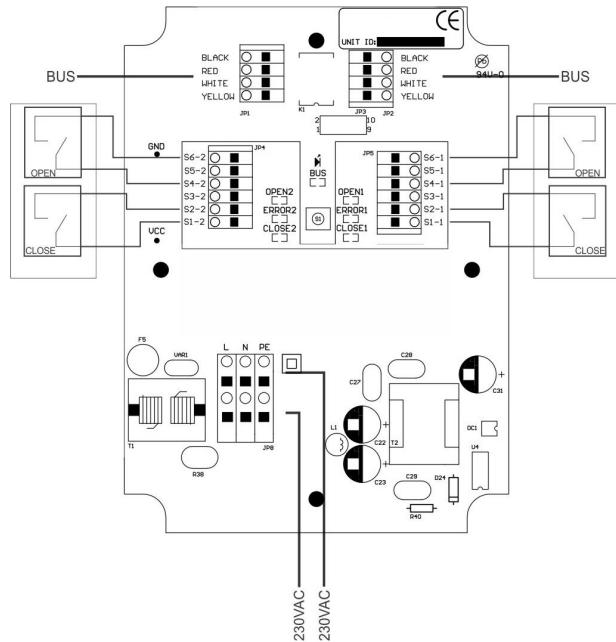
DIMENSIONS / WEIGHT

| | |
|------------|-------------------|
| Dimensions | 154 x 114 x 77 mm |
| Weight | 400 g |

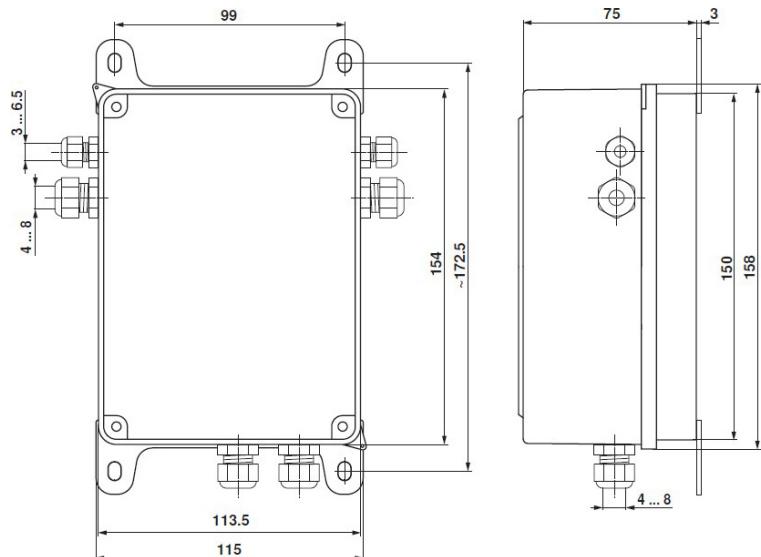
PRODUCT FEATURES

| | |
|----------------------------|---|
| Monitoring of fire dampers | ZENiX 2MFD is used for monitoring up to two mechanical (fusible link mechanism) fire dampers (each with 2 position switches). The unit is connected to the ZENiX-controller via the 4 wire bus communication. |
| Predefined address | Each unit has a predefined address, no addressing required. |
| Work without 230 V | ZENiX 2MFD unit is able to work without 230 V, but then damper positions is not shown with the LED diodes. |

WIRING AND RESOURCES



DIMENSIONS AND MOUNTING



SAFETY NOTES



- The device is not allowed to be used outside the specified field of application, especially in aircraft or in any other airborne means of transport.
- Caution: Power supply voltage!
- It may only be installed by suitably trained personnel. Any legal regulations or regulations issued by authorities must be observed during assembly.
- The device may only be opened at the manufacturer's site. It does not contain any parts that can be replaced or repaired by the user.
- The device contains electrical and electronic components and is not allowed to be disposed of as household refuse. All locally valid regulations and requirements must be observed.

If the product is manipulated in any other way than described, Rf-Technologies will decline any responsibility and the guarantee will immediately expire!

